

Application Serial No.: 09/986,281
Amendment dated February 17, 2004
Reply to Office Action dated November 14, 2003

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A stencil printer for perforating a thermosensitive stencil implemented as a stencil roll with heating means to thereby make a master, said stencil printer comprising:

stencil distinguishing means for identifying a kind of the stencil by sensing an identification member provided on the stencil roll; and

adjusting means for selecting, among master making conditions experimentally determined beforehand, a master making condition matching with information output from said stencil distinguishing means.

2. (Withdrawn) The stencil printer as claimed in claim 1, wherein said adjusting means adjusts, based on said information, a speed at which the stencil is conveyed.

3. (Withdrawn) The stencil printer as claimed in claim 1, wherein said heating means comprises a thermal head,

said stencil printer further comprises a platen roller facing said thermal head for conveying the stencil, and

said adjusting means adjusts a rotation speed of said platen roller in accordance with said information.

4. (Withdrawn) The stencil printer as claimed in claim 1, wherein said heating means comprises a thermal head,

said stencil printer further comprises a platen roller facing said thermal head for

Application Serial No.: 09/986,281
Amendment dated February 17, 2004
Reply to Office Action dated November 14, 2003

conveying the stencil, and

said adjusting means adjusts a master making speed in accordance with said information.

5. (Withdrawn) The stencil printer as claimed in claim 1, wherein said heating means comprises a thermal head,

said stencil printer further comprises a platen roller facing said thermal head for conveying the stencil,

a platen pressure for pressing the stencil against said thermal head is adjustable, and said adjusting means adjusts the platen pressure in accordance with said information.

6. (Withdrawn) The stencil printer as claimed in claim 1, wherein said heating means comprises a thermal head,

said stencil printer further comprises a platen roller facing said thermal head for conveying the stencil and a feed roller pair located downstream of said platen roller in a direction of stencil conveyance for adjusting a front tension of said stencil, and

said adjusting means adjusts the front tension in accordance with said information.

7. (Withdrawn) The stencil printer as claimed in claim 1, wherein said heating means comprises a thermal head,

said stencil printer further comprises a platen roller facing said thermal head for conveying the stencil and a feed roller pair located upstream of said platen roller in a direction of stencil conveyance for adjusting a back tension of said stencil, and

said adjusting means adjusts the back tension in accordance with said information.

Application Serial No.: 09/986,281
Amendment dated February 17, 2004
Reply to Office Action dated November 14, 2003

8. (Withdrawn) The stencil printer as claimed in claim 1, wherein said heating means comprises a thermal head, and

said adjusting means adjusts energy to be applied to said thermal head in accordance with said information.

9. (Original) The stencil printer as claimed in claim 1, wherein said heating means comprises a thermal head,

said stencil printer further comprises temperature sensing means for sensing a temperature of said thermal head, and

said adjusting means adjusts energy to be applied to said thermal head in accordance with said information and information output from said temperature sensing means.

10. (Withdrawn) The stencil printer as claimed in claim 1, wherein said stencil distinguishing means comprises:

a label provided on the stencil; and

sensing means for reading a content of said label.

11. (Withdrawn) The stencil printer as claimed in claim 1, wherein said stencil distinguishing means comprises:

transmitting means provided on the stencil; and

receiving means for receiving a content transmitted from said transmitting means.

12. (Withdrawn) The stencil printer as claimed in claim 1, wherein said stencil distinguishing means comprises:

means provided on the stencil to be electrically or magnetically sensed; and

Application Serial No.: 09/986,281
Amendment dated February 17, 2004
Reply to Office Action dated November 14, 2003

sensing means for electrically or magnetically sensing a content of said means to be sensed.

13-48. (Canceled)

49. (Currently Amended) A stencil printer for perforating a thermosensitive stencil implemented as a stencil roll with a heating device to thereby make a master, said stencil printer comprising:

a stencil distinguishing device configured to identify a kind of the stencil by sensing an identification member provided on the stencil roll; and

an adjusting device configured to select, among master making conditions experimentally determined beforehand, a master making condition matching with information output from said stencil distinguishing device.

50. (Withdrawn) The stencil printer as claimed in claim 49, wherein said adjusting device adjusts, based on said information, a speed at which the stencil is conveyed.

51. (Withdrawn) The stencil printer as claimed in claim 49, wherein said heating device comprises a thermal head,

said stencil printer further comprises a platen roller facing said thermal head for conveying the stencil, and

said adjusting device adjusts a rotation speed of said platen roller in accordance with said information.

52. (Withdrawn) The stencil printer as claimed in claim 49, wherein said heating device comprises a thermal head,

Application Serial No.: 09/986,281
Amendment dated February 17, 2004
Reply to Office Action dated November 14, 2003

said stencil printer further comprises a platen roller facing said thermal head for conveying the stencil, and

said adjusting device adjusts a master making speed in accordance with said information.

53. (Withdrawn) The stencil printer as claimed in claim 49, wherein said heating device comprises a thermal head,

said stencil printer further comprises a platen roller facing said thermal head for conveying the stencil,

a platen pressure for pressing the stencil against said thermal head is adjustable, and
said adjusting device adjusts the platen pressure in accordance with said information.

54. (Withdrawn) The stencil printer as claimed in claim 49, wherein said heating device comprises a thermal head,

said stencil printer further comprises a platen roller facing said thermal head for conveying the stencil and a feed roller pair located downstream of said platen roller in a direction of stencil conveyance for adjusting a front tension of said stencil, and

said adjusting device adjusts the front tension in accordance with said information.

55. (Withdrawn) The stencil printer as claimed in claim 49, wherein said heating device comprises a thermal head,

said stencil printer further comprises a platen roller facing said thermal head for conveying the stencil and a feed roller pair located upstream of said platen roller in a direction of stencil conveyance for adjusting a back tension of said stencil, and

said adjusting device adjusts the back tension in accordance with said information.

56. (Withdrawn) The stencil printer as claimed in claim 49, wherein said heating device comprises a thermal head, and

said adjusting device adjusts energy to be applied to said thermal head in accordance with said information.

57. (Original) The stencil printer as claimed in claim 49, wherein said heading device comprises a thermal head,

said stencil printer further comprises a temperature sensor responsive to a temperature of said thermal head, and

said adjusting device adjusts energy to be applied to said thermal head in accordance with said information and information output from said temperature sensor.

58. (Withdrawn) The stencil printer as claimed in claim 49, wherein said stencil distinguishing device comprises:

a label provided on the stencil; and

a sensor configured to read a content of said label.

59. (Withdrawn) The stencil printer as claimed in claim 49, wherein said stencil distinguishing device comprises:

a transmitter provided on the stencil; and a receiver configured to receive a content transmitted from said transmitter.

60. (Withdrawn) The stencil printer as claimed in claim 49, wherein said stencil distinguishing device comprises:

Application Serial No.: 09/986,281
Amendment dated February 17, 2004
Reply to Office Action dated November 14, 2003

a piece provided on the stencil to be electrically or magnetically sensed; and
a sensor configured to electrically or magnetically sense a content of said piece to be sensed.

61-96. (Canceled)

97. (New) The stencil printer as claimed in claim 1, wherein said stencil roll comprises a core on which said identification member is provided.

98. (New) The stencil printer as claimed in claim 1, wherein said identification member is provided on one side of said stencil roll.

99. (New) The stencil printer as claimed in claim 49, wherein said stencil roll comprises a core on which said identification member is provided.

100. (New) The stencil printer as claimed in claim 49, wherein said identification member is provided on one side of said stencil roll.